
HIV/AIDS

Definition: Respondents ages 18-64 that did not report having been tested for HIV.

Prevalence of Never Been Tested for HIV

- South Dakota 78.9%
- There is no nationwide median for never been tested for HIV

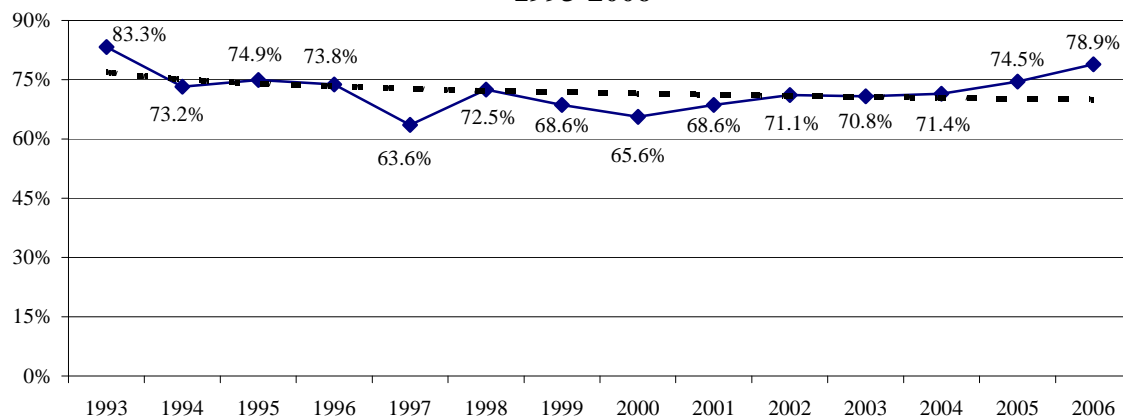
Healthy People 2010 Objective

There was no stated Healthy People 2010 Objective for never been tested for HIV.

Trend Analysis

Overall, since this question was first asked in 1993, the percent of respondents who have never been tested for HIV has been decreasing. However, since 2001 the percent of respondents who have never been tested for HIV has been holding steady up 2004. Since 2004, the percent has been increasing.

Figure 77
Percent of Respondents, Ages 18-64, Who Have Never Been Tested for HIV, 1993-2006



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 1993-2006

Demographics

Gender There is no significant gender difference in regard to having ever been tested for HIV.

Age The prevalence of those not ever having an HIV test varies greatly by age. Those in the 25-34 age group demonstrate the lowest prevalence of no HIV test and this prevalence is significantly lower than those in the 18-24 age group. However, each age group after 25-34 exhibits a significant increase in the prevalence of those who have never had an HIV test.

Race Whites exhibit a significantly higher prevalence of no HIV test than do American Indians.

Region	The southeast, northeast, and central regions demonstrate a very high prevalence of no HIV test, while the west and American Indian counties regions show a very low prevalence. These regional differences are much more evident in females.
Household Income	The prevalence of no HIV test does not seem to follow a pattern as household income increases.
Education	The prevalence of no HIV test does not seem to follow a pattern as education levels increase.
Employment Status	Those who are self-employed or retired demonstrate a very high prevalence of no HIV test, while those who are employed for wages, unemployed, a homemaker, or unable to work show a very low prevalence.
Marital Status	Those who are divorced or separated exhibit a very low prevalence of no HIV test, while those who are married show a very high prevalence.

Table 96
Respondents, Ages 18-64, Who Have Never Been Tested for HIV, 2006

	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
Total	4,451	78.9	(77.2-80.5)	1,826	80.0	(77.5-82.3)	2,625	77.8	(75.5-79.9)
Age									
18-24	253	81.0	(74.9-85.9)	106	83.7	(74.5-90.1)	147	78.1	(69.4-84.9)
25-34	716	64.9	(60.7-68.9)	277	69.4	(62.9-75.2)	439	60.1	(54.9-65.2)
35-44	997	75.4	(72.2-78.4)	403	75.6	(70.4-80.1)	594	75.3	(71.1-79.1)
45-54	1,357	84.6	(82.2-86.8)	562	85.4	(81.6-88.5)	795	83.8	(80.5-86.7)
55-64	1,128	90.2	(87.9-92.0)	478	87.3	(83.4-90.4)	650	93.2	(90.9-94.9)
65-74	-	-	-	-	-	-	-	-	-
75+	-	-	-	-	-	-	-	-	-
Race									
White	3,884	80.7	(79.0-82.3)	1,610	81.9	(79.4-84.2)	2,274	79.6	(77.2-81.8)
American Indian	417	61.6	(54.2-68.5)	156	64.7	(52.5-75.2)	261	58.4	(49.7-66.6)
Region									
Southeast	1,017	80.6	(77.5-83.3)	425	83.2	(78.8-86.8)	592	77.8	(73.2-81.8)
Northeast	1,005	82.3	(79.2-85.0)	408	82.2	(77.5-86.1)	597	82.3	(78.1-85.9)
Central	867	83.0	(79.6-85.9)	366	83.2	(77.6-87.6)	501	82.8	(78.7-86.3)
West	1,053	73.9	(70.3-77.2)	422	73.6	(67.7-78.8)	631	74.2	(70.0-78.0)
American Indian Counties	509	66.4	(59.2-72.9)	205	68.5	(56.3-78.6)	304	64.0	(56.2-71.1)
Household Income									
Less than \$10,000	180	72.8	(62.7-81.1)	*	*	*	*	*	*
\$10,000-\$14,999	177	75.1	(65.7-82.5)	*	*	*	*	*	*
\$15,000-\$19,999	279	78.0	(70.3-84.1)	105	78.0	(65.2-87.0)	174	78.0	(68.2-85.4)
\$20,000-\$24,999	310	74.5	(66.9-80.8)	114	79.8	(67.6-88.2)	196	69.8	(59.7-78.3)
\$25,000-\$34,999	589	75.3	(69.3-80.4)	257	75.1	(66.6-82.0)	332	75.5	(66.7-82.6)
\$35,000-\$49,999	860	79.9	(76.1-83.2)	351	79.8	(73.8-84.8)	509	79.9	(75.0-84.1)
\$50,000-\$74,999	876	79.1	(75.6-82.3)	389	80.3	(74.9-84.8)	487	77.7	(73.0-81.8)
\$75,000+	786	79.3	(75.7-82.6)	375	80.7	(75.4-85.1)	411	77.6	(72.4-82.1)
Education									
8th Grade or Less	*	*	*	*	*	*	*	*	*
Some High School	175	82.9	(75.2-88.5)	*	*	*	*	*	*
High School or G.E.D.	1,308	79.1	(75.5-82.2)	586	77.1	(71.8-81.7)	722	81.4	(76.6-85.4)
Some Post-High School	1,332	79.2	(76.2-81.9)	529	81.0	(76.5-84.8)	803	77.4	(73.2-81.2)
College Graduate	1,576	78.2	(75.6-80.6)	605	81.3	(77.2-84.7)	971	75.4	(72.0-78.6)

Table 96 (continued)
Respondents, Ages 18-64, Who Have Never Been Tested for HIV, 2006

	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
Employment Status									
Employed for Wages	2,891	77.9	(75.8-79.9)	1,114	78.3	(75.0-81.2)	1,777	77.6	(74.8-80.1)
Self-employed	695	84.6	(81.0-87.6)	440	86.0	(81.5-89.6)	255	81.4	(75.2-86.3)
Unemployed	163	72.4	(61.9-81.0)	*	*	*	*	*	*
Homemaker	234	76.7	(69.1-82.9)	*	*	*	*	*	*
Retired	178	90.7	(85.2-94.3)	*	*	*	*	*	*
Unable to Work	197	75.0	(64.8-83.0)	*	*	*	*	*	*
Marital Status									
Married/Unmarried Couple	2,924	79.4	(77.5-81.3)	1,188	81.2	(78.3-83.8)	1,736	77.7	(75.0-80.2)
Divorced/Separated	679	72.4	(68.1-76.4)	258	73.8	(66.7-79.9)	421	71.4	(65.7-76.5)
Widowed	167	82.6	(73.8-88.9)	*	*	*	*	*	*
Never Married	667	79.5	(74.9-83.5)	348	78.9	(72.2-84.4)	319	80.4	(74.4-85.3)

Note: *Results based on sample sizes less than 100 have been suppressed.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2006

Further Analysis

Following are data illustrating the percent of those who have never been tested for HIV for various health behaviors and conditions. For example, 81.2 percent of respondents who stated they are not a military veteran have never been tested for HIV, while 61.6 percent of respondents who stated they are a military veteran have never been tested for HIV.

Table 97
Never Been Tested for HIV for Selected Health Behaviors and Conditions, 2006

Health Behavior or Condition	# Respondents	% Never Been Tested for HIV	95% CI
Obese (BMI = 30.0+)	1,231	80.1	77.3-82.6
Overweight (BMI = 25.0-29.9)	1,594	80.5	77.7-83.0
Recommended Weight (BMI = 18.5-24.9)	1,380	75.5	72.3-78.5
No Leisure Time Physical Activity	1,021	79.7	75.9-83.0
Leisure Time Physical Activity	3,429	78.7	76.8-80.4
Not Heard of "Healthy South Dakota" Program	2,732	76.7	74.4-78.8
Heard of "Healthy South Dakota" Program	1,608	83.2	80.8-85.3
Current Smoker	1,011	69.9	65.5-73.9
Former Smoker	1,057	78.0	74.5-81.1
Never Smoked	2,372	83.1	81.1-84.9
Smokeless Tobacco Use	265	78.4	70.9-84.3
No Smokeless Tobacco Use	4,147	79.0	77.3-80.7
Diabetes	289	76.7	69.4-82.7
No Diabetes	4,161	79.0	77.3-80.6
Current Asthma	337	77.7	72.0-82.6
Former Asthma	136	68.2	56.6-77.9
Never Had Asthma	3,960	79.5	77.7-81.1
No Mammogram within Past Two Years (40+)	486	86.7	82.9-89.8
Mammogram within Past Two Years (40+)	1,273	86.6	84.2-88.7
No Clinical Breast Exam within Past Two Years	486	81.7	76.7-85.8
Clinical Breast Exam within Past Two Years	2,131	76.7	74.2-79.0
No Pap Smear within the Past Three Years	248	89.9	84.2-93.7
Pap Smear within the Past Three Years	1,885	75.6	72.9-78.1
No PSA Test within the Past Two Years (40+)	647	85.8	82.3-88.8
PSA Test within the Past Two Years (40+)	556	82.8	78.7-86.2

Table 97 (continued) Never Been Tested for HIV for Selected Health Behaviors and Conditions, 2006			
Health Behavior or Condition	# Respondents	% Never Been Tested for HIV	95% CI
No Digital Rectal Exam within the Past Two Years (40+)	640	85.0	81.4-88.0
Digital Rectal Exam within the Past Two Years (40+)	596	82.4	78.5-85.8
Prostate Cancer (40+)	*	*	*
No Prostate Cancer (40+)	1,230	83.8	81.2-86.1
No Blood Stool Test within the Past Two Years (50+)	1,424	89.4	87.4-91.2
Blood Stool Test within the Past Two Years (50+)	360	84.6	79.3-88.8
Never Had a Sigmoidoscopy or Colonoscopy (50+)	973	88.8	86.0-91.1
Ever Had a Sigmoidoscopy or Colonoscopy (50+)	818	88.3	85.5-90.6
Diagnosed with Cancer in the Past 12 Months	*	*	*
Not Diagnosed with Cancer in the Past 12 Months	4,317	79.0	77.3-80.6
Drank Alcohol in Past 30 Days	2,608	79.1	76.9-81.1
No Alcohol in Past 30 Days	1,837	78.5	75.9-81.0
Binge Drinker	795	76.4	71.9-80.3
Not a Binge Drinker	3,552	79.3	77.5-81.0
Heavy Drinker	171	73.6	62.9-82.0
Not a Heavy Drinker	4,169	79.1	77.5-80.7
No Health Insurance (18-64)	400	80.6	74.9-85.3
Health Insurance (18-64)	3,982	78.6	76.9-80.3
Employer Based Health Insurance Coverage (18-64)	2,684	80.4	78.3-82.3
Private Health Insurance Plan (18-64)	562	87.9	84.3-90.8
Medicare (18-64)	124	76.0	62.2-85.9
Medicaid or Medical Assistance (18-64)	164	63.4	51.7-73.7
The Military, CHAMPUS, TriCare, or the VA (18-64)	172	49.0	40.1-57.9
The Indian Health Service (18-64)	221	60.1	49.9-69.5
No Flu Shot (65+)	-	-	-
Flu Shot (65+)	-	-	-
No Pneumonia Shot (65+)	-	-	-
Pneumonia Shot (65+)	-	-	-
Haven't Been to the Dentist in the Past Year	1,317	80.8	77.9-83.4
Been to the Dentist in the Past Year	3,122	78.0	75.9-79.9
Not Taking any Precautions Against West Nile Virus	1,790	81.2	78.4-83.7
Taking Precautions Against West Nile Virus	2,598	77.3	75.2-79.3
Sometimes/Seldom/Never Wear Seat Belt	864	82.9	79.3-86.0
Always/Almost Always Wear Seat Belt	3,582	78.0	76.1-79.7
Previously Had a Heart Attack	143	73.2	62.8-81.5
Never Had a Heart Attack	4,298	79.0	77.3-80.6
Have Angina or Coronary Heart Disease	124	71.3	59.9-80.5
Do Not have Angina or Coronary Heart Disease	4,309	79.1	77.4-80.7
Previously Had a Stroke	*	*	*
Never Had a Stroke	4,363	78.9	77.3-80.5
Fair or Poor Health Status	458	76.6	71.7-81.0
Excellent, Very Good, or Good Health Status	3,983	79.1	77.3-80.8
Physical Health Not Good for 30 Days of the Past 30	205	75.9	66.2-83.5
Physical Health Not Good for 0-29 Days of the Past 30	4,201	79.0	77.3-80.6
Mental Health Not Good for 20-30 Days of the Past 30	262	69.1	60.7-76.4
Mental Health Not Good for 0-19 Days of the Past 30	4,143	79.4	77.7-81.0
Usual Activities Unattainable for 10-30 Days of the Past 30	289	71.9	63.5-79.0
Usual Activities Unattainable for 0-9 Days of the Past 30	4,144	79.3	77.6-80.9
Dissatisfied / Very Dissatisfied with Life	175	70.9	62.5-78.1
Satisfied / Very Satisfied with Life	4,250	79.2	77.5-80.8

Table 97 (continued) Never Been Tested for HIV for Selected Health Behaviors and Conditions, 2006			
Health Behavior or Condition	# Respondents	% Never Been Tested for HIV	95% CI
Physical, Mental, or Emotional Disability	812	74.9	70.9-78.6
No Physical, Mental, or Emotional Disability	3,630	79.6	77.8-81.3
Disability with Special Equipment Needed	194	77.0	67.6-84.3
No Disability with Special Equipment Needed	4,256	79.0	77.3-80.6
Injured in a Fall (45+)	134	83.0	74.3-89.1
Not Injured in a Fall (45+)	2,335	87.1	85.4-88.7
Military Veteran	531	61.6	56.0-66.9
Not a Military Veteran	3,916	81.2	79.5-82.8

Note: *Results based on sample sizes less than 100 have been suppressed.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2006